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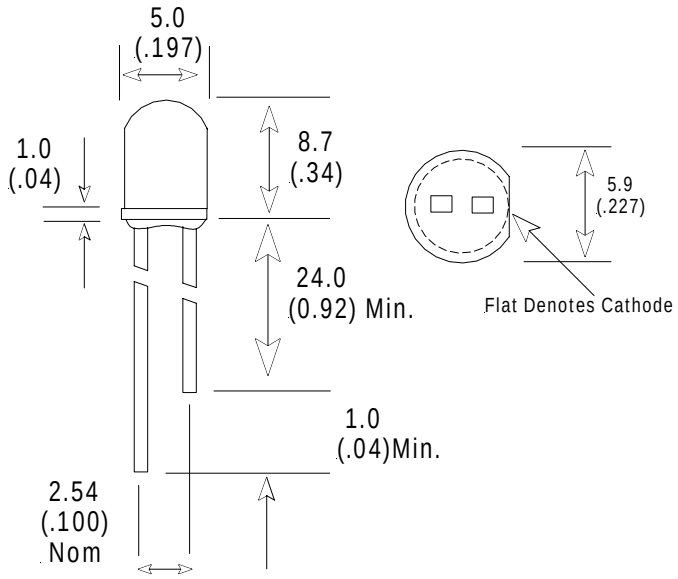
MCD Electronics Incorporated

Jameco Part Number 183214

Innovative Solutions With Light

MCDPG-503PC1 (5MM 515NM Green 10 ~15°)

Lens Color: **Water Clear**
Lens Dimension: **5 mm**



Absolute Maximum Ratings At Ta = 25° C

Parameter	Max		Unit
DC Forward Current (mA)	**20**		**mA**
Reverse Voltage	**5**		**V**
Power Dissipation (mW)	**200**		**mW**
Continuous forward Current (mW)	**100**		**mW**
Peak Forward Current, tw ,=1 msec. Duty ,= 1/20	**500**		**mA**
Operation Temperature (°C)	**-40° -**	**+85°**	
Storage Temperature (°C)	**-40°**	**+100°**	
Solder DIP (5 seconds, 1.6 mm from body) Temperature	**260**	**± 5°C**	

Electrical Characteristics At Ta= 25°C

Symbol	Parameter	Test Cond.	Min.	Typ.	Max.	Unit
V_F	Forward Voltage	I_F = 20mA	3.20	3.50	4.20	V
I_R	Reverse Current	V_R=5V	**	**	10	µA

Part Number	Emitted Color		Peak Wavelength λ PEAK	Viewing Angle 2θ Degrees	I_V (I_F = 20mA) MCD		
					Min	Typ	Max
MCDPG-503PC1	InGaN	Green	515	10~15	1,000	2,200	3,000

Notes:
1. All Dimensions are in millimeters (inches).
2. Tolerance is ± 0.25mm (0.010") unless otherwise specified.
3. Protruded resin under flange is 1.5mm (0.059") max.
4. Lead spacing is measured where the leads emerge from the package.
5. Specifications are subject to change without notice.